

SYSTEM AND METHOD FOR MAKING IT SAFE TO EXECUTE
DOWNLOADED CODE

ABSTRACT OF THE INVENTION

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Embodiments of the present invention include a system and method for making it safe to execute downloaded code. The method includes accessing an application, the application making a system call to a library of a computer system for a resource, establishing a requesting thread. The method further
10 includes the library sending a request message to a local security filter; the local security filter validating the requesting thread and returning a digital signature, that uniquely identifies the requesting thread, to the application. The application making a system call to a kernel of the computer system wherein the kernel uses the digital signature from the security filter to validate
15 the requesting thread before allowing access to the requested resource.